

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	191	(needleless adj injector) and (piston ram) and (spring bias biasing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:16
L2	130	1 and @ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:17
L3	100	2 not propellant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:17
L4	5073	((128/200.11) or (128/200.12) or (128/200.14) or (128/200.17) or (128/200.18) or (128/200.21) or (128/200.22) or (128/200.23) or (128/200.24) or (128/202.17) or (128/203.15)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 15:20
L5	16168	("222" "239").clas. and (piston ram) and (spring bias biasing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:20
L6	3216	((222/402.2) or (222/182) or (222/183)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 15:20
L7	4923	("221").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:20
L8	7691	("206").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:20

## EAST Search History

L9	1546	("224").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:20
L10	16396	(L7 L8 L9 L4 L5 L6) and (medicament drug medicine medicant liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:20
L11	7739	L10 and @ad<="20020905" not propellant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:20
L12	4573	11 and (piston ram) and (spring bias biasing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:21
L13	4555	12 not MDI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:22
L14	284	13 and aerosol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:22
L15	46	13 and (aerosol\$ vapor) and inhaler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:22
S1	4755	((128/200.11) or (128/200.12) or (128/200.14) or (128/200.17) or (128/200.18) or (128/200.21) or (128/200.22) or (128/200.23) or (128/200.24) or (128/202.17) or (128/203.15)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 06:04

## EAST Search History

S2	467	S1 and (piston ram) and (spring bias biasing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:21
S3	327	S2 and @ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:16
S4	2	("20040094146").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/27 10:42
S5	1	S4 and (introduction removal feeding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:11
S6	4	((("4623337") or ("4260082")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/27 11:11
S7	72	("3162217"   "3799448"   "3940029"   "4013370"   "4498904"   "4531944").PN. OR ("4260082"   "4623337").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 11:12
S8	15760	("222" "239").clas. and (piston ram) and (spring bias biasing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:26
S9	8011	S8 and @ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:52

## EAST Search History

S10	4186	S9 and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:22
S11	12	("1858735"   "2587215"   "4604847"   "4635829"   "4934358"   "5447151").PN. OR ("5778873"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 11:44
S12	14	("1858735"   "2587215"   "3008609"   "4627432"   "4635829"   "5154326").PN. OR ("5924417"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 11:49
S13	591	Braithwaite.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:50
S14	2	S13 near william	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:50
S15	42	S13 near Philip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:56
S16	4	Soohoo-Tony.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:56
S17	13	Soohoo-Tony.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:57
S18	202	Soohoo.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:57

## EAST Search History

S19	17	S18 and paint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:57
S20	19	("0892046"   "0989783"   "1204849"   "1243634"   "1425395"   "1530212"   "2029234"   "2700097"   "4318622"   "4420262"   "5273357").PN. OR ("5451105"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 11:58
S21	2577	S1 and _ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 06:49
S22	4	("4623337" "6401987").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 14:32
S23	4764	((128/200.11) or (128/200.12) or (128/200.14) or (128/200.17) or (128/200.18) or (128/200.21) or (128/200.22) or (128/200.23) or (128/200.24) or (128/202.17) or (128/203.15)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/28 06:49
S24	2577	S23 and @ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:28
S25	2187	S23 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 06:49
S26	23010	("222" "239").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:27

## EAST Search History

S27	3173	((222/402.2) or (222/182) or (222/183)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/28 08:27
S28	771	S27 and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:28
S29	2496	((239/320) or (239/322) or (239/323) or (239/350) or (239/357) or (239/359) or (239/302) or (239/338) or (239/533.1) or (239/533.15)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/28 08:29
S30	440	S29 and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:39
S31	382	S28 and @ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:29
S32	215	S30 and @ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:29
S33	4810	("221").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:45
S34	7472	("206").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:46

## EAST Search History

S35	1473	("224").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:46
S36	2809	(S33 S34 S35) and (medicament drug medicine medicant liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:51
S37	743	(S33 S34 S35) and (medicament drug medicine medicant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 08:57
S38	2	("20040094146").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 14:53
S39	1	S38 and grip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 15:28
S40	1594	(schiewe wuttke zierenberg dunne wergen).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 15:29
S41	246	S40 near (joerg gilbert bernd stephen hosrt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 15:30
S42	8	S41 and (medicine medicant drug). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 15:32

## EAST Search History

S43	33	S41 and (spring bias biasing elastic).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 15:32
S44	5068	((128/200.11) or (128/200.12) or (128/200.14) or (128/200.17) or (128/200.18) or (128/200.21) or (128/200.22) or (128/200.23) or (128/200.24) or (128/202.17) or (128/203.15)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 14:52
S45	16166	("222" "239").clas. and (piston ram) and (spring bias biasing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:52
S46	3214	((222/402.2) or (222/182) or (222/183)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 14:52
S47	4922	("221").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:52
S48	7688	("206").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:52
S49	1546	("224").clas. and (spring bias biasing) and (container cartridge ampoule ampule ampul canister capsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:52
S50	16387	(S47 S48 S49 S44 S45 S46) and (medicament drug medicine medicant liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:52



## EAST Search History

S51	8826	S50 and @ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:20
S52	7739	S51 not propellant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:53
S53	511	S52 and inhaler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:22
S54	2	("20030070679").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 15:22
S55	335	(128/200.22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 06:04
S56	150	S55 and @ad<="20020905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 06:10
S57	86	S56 not propellant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 06:10
S58	28	S57 and (aerosol\$ vapor) and inhaler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:22

## EAST Search History

S59	16	S58 not MDI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 15:22
S60	2	("6644309").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 06:21